

## Dear experts,

On behalf of Nutricia Metabolics it is a great pleasure for us to invite you to this 49<sup>th</sup> Conference of the European Metabolic Group (EMG) to be held in Zagreb, May 25 – 27, 2017.

Throughout its longstanding history the EMG has visited many places in Europe, but has never been to Croatia before. We are therefore grateful to Professor Ivo Barić, leading the clinical management of patients with rare inborn errors of metabolism in Croatia and a well-known member of the European network of metabolic physicians, to come up with an exciting main topic to be covered in 2017: "The Power of Vitamins". This topic is diverse and specific at the same time, allowing a reflection on many rare inborn errors of metabolism where certain vitamins do or could play a role. The great mixture of key lectures chosen reflects in a way also the spirit of Zagreb.

With a population of nearly one million, almost a quarter of the entire Croatian population lives there. Over the centuries, the city being on the historic and political threshold between East and West was inhabited by people coming from all over Europe, ensuring a rich cultural life. The façades of Zagreb's buildings reflect the ebb and flow of history, while its streets and squares bear witness to the coming together of the many cultures that have shaped the identity of this laid-back capital. Zagreb's doors are always open and invite visitors to get a flavor of its particular charm.

Nutricia Metabolics will bear all costs for accommodation and social programme with the exception of travel expenses. We kindly do ask you to register and indicate your choice of workshop by February 20, 2017 the latest. In case you should not be able to attend this time, please send us a short message immediately. It will allow inviting another interested colleague instead.

Looking forward to welcome you in Zagreb,

with our best regards,



Dr. Beate Szczerbak



Dr. Markus Ott

## Organisational remarks

### Scientific organiser

**Prof. Ivo Barić**  
University Hospital Center Zagreb  
Department of Pediatrics  
University of Zagreb, School of Medicine  
Division for Genetics and Metabolic Diseases  
Kišpatičeva 12, Rebro  
10000 Zagreb, Croatia  
☎ +385 - 1 - 2388 - 318  
ibaric@kbc-zagreb.hr

### Conference venue

**Hotel Esplanade**  
Mihanovićeve 1  
10000 Zagreb, Croatia  
☎ +385 - 1 - 4566 666  
info@esplanade.hr  
www.esplanade.hr

### Conf. language

English

### Arrival

Thursday, May 25, 2017  
(individual travel arrangements)

### Conference start

Thursday, May 25, 2017  
at 2:00 pm  
(lunch available from 12:30 pm)

### Conference end

Saturday, May 27, 2017 at 02:30 pm

### Organised and sponsored by

**Nutricia GmbH**  
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## THE POWER OF VITAMINS

## INVITATION

49<sup>th</sup> EMG Conference, Zagreb

May 25 – 27, 2017

## PRELIMINARY PROGRAMME

The Power of Vitamins

### Dear colleagues and friends,

With great pleasure we invite you on behalf of Nutricia Metabolics to the 49<sup>th</sup> Conference of the European Metabolic Group (EMG) which will be held in Zagreb, Croatia from Thursday, May 25<sup>th</sup> to Saturday, May 27<sup>th</sup>, 2017.

We are very proud that for the first time the EMG conference will take place in Zagreb, Croatia. Zagreb is an old Central European city. It has retained its charm and a relaxing atmosphere in spite of the rapid life pace of the digitalized times, and it is beautiful in May. Zagreb is a city full of historical monuments and romantic stories, but also dynamic, modern and hospitable. Its warm hospitality makes every meeting unique.

We are very pleased to announce the preliminary programme of this traditional, highly valued scientific conference. The conference is dedicated to "The Power of Vitamins". Although vitamins have been used for decades in treatment of some inborn errors of metabolism, their novel application possibilities regularly appear and their optimal use in terms of the correct indication, right time and the adequate dose remains a challenge. This can be a particular burden in clinical settings where missing the "simple" and effective therapy presents a traditional fear for practitioners. The 2017 EMG Conference will try to provide answers to these important and still open questions.

We strongly believe that the scientific programme with fascinating speakers who will definitely stimulate a lively discussion will meet your expectations. Beside the main topic speeches the programme will include spotlights, free communications and the workshop sessions.

Nutricia Metabolics will cover all costs with the exception of your travel expenses.

We are looking forward to welcoming you to wonderful Zagreb.

With best regards

Prof. Ivo Barić

## MAIN TOPIC SESSIONS

### Welcome and introduction

Ivo Barić, Zagreb

#### I. Introduction to vitamins

- **Vitamins in human health and nutrition. What do we really know?**  
Hans K. Biesalski, Stuttgart
- **Laboratory assessment of vitamins status in clinical chemistry**  
Jean-Marc Nuoffer, Bern

#### II. Vitamin B<sub>6</sub> and inborn errors of metabolism

- **Pyridoxine and pyridoxal phosphate responsive convulsions**  
Barbara Plecko, Zurich
- **The role of vitamin B<sub>6</sub> – beyond seizures**  
Stephanie Grünewald, London

#### III. Brain, energy and the mitochondrion

- **Cerebral folate deficiencies**  
Robert Steinfeld, Goettingen
- **Spotlight: Cerebral folate deficiency in mitochondrial disease**  
Rafael Artuch, Barcelona
- **Vitamins in mitochondrial diseases – what is the evidence?**  
Rita Horvath, Newcastle upon Tyne
- **Defective pantothenate metabolism and neurodegeneration**  
Valeria Tiranti, Milan
- **Nicotinamide riboside in the treatment of mitochondrial disorders**  
Riekelt Houtkooper, Amsterdam

#### IV. Thiamine, riboflavin and choline – novel dimensions

- **Disorders of thiamine transport and metabolism – an update**  
Juan Dario Ortigoza-Escobar, Barcelona
- **Spotlight: When to think about riboflavin transporter deficiency in adult patients presenting a motor neuron disease?**  
Yann Nadjar, Paris

- **Choline related inherited metabolic diseases**  
Saskia Wortmann-Hagemann, Salzburg

#### V. New aspects of vitamin roles and treatment

- **Vitamin B<sub>12</sub>: Cobalamine related disorders**  
Matthias R. Baumgartner, Zurich
- **Spotlight: Repurposing vitamin B<sub>12</sub> for the treatment of metabolic disorders**  
Luciana Hannibal, Freiburg
- **Vitamin D besides bone**  
Vesna Kušec, Zagreb
- **Vitamin D and inborn errors of metabolism**  
François Feillet, Vandoeuvre les Nancy
- **Vitamins and living longer**  
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## EMG LECTURE 2017

Ronald J.A. Wanders, Amsterdam

## FREE COMMUNICATIONS

## WORKSHOPS

Workshops are held in parallel sessions – only one can be attended per participant.

1. **New treatment strategies for lysosomal storage disorders**  
Julia B. Hennermann, Mainz/Nicole Muschol, Hamburg
2. **Nutritional management in GSD I**  
Terry G.J. Derks, Groningen/René Santer, Hamburg
3. **Metabolic workup of intermittent rhabdomyolysis**  
Pasquale de Lonlay, Paris/Linda de Meirleir, Brussels
4. **Propionic acidemia: the impact of guidelines on treatment**  
Carlo Dionisi-Vici, Rome/Sabine Scholl-Bürgi, Innsbruck